Abstract of the Disclosure:

A method for equalizing and decoding an error-protected data signal transmitted via a radio channel is described. According to the method, an equalized data signal is calculated at the receiving end in a demodulator with a first channel estimator. The equalized data signal is decoded by a decoder to determine a decoded output signal. The equalized data signal is transmitted to a second channel estimator, which repeatedly detects second channel parameters of the radio channel. The parameters are transmitted to the decoder which uses them as calculation parameters during decoding.

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